Performance/Final Technical Report

Ship Operations: R/V EWING Support for REDSOX

Award: NOOO14-01-1-0546

Period of Performance: March 1, 2001 - December 31, 2001

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The Navy provided funding to carry out physical oceanographic measurements during what was originally to have been a N-S R/V EWING transit of the Red Sea. The Principal Investigator was Prof. William Johns, RSMAS. Five days of oceanographic work were added to EWING's schedule, with the Navy paying for two of the transit days. Coastal state clearance was granted by Egypt, Eritrea, Yemen and Djibouti, but clearance was refused by Saudi Arabia. No clearance was requested from Sudan and, as a result, no sampling took place in Saudi or Sudanese waters. After some initial equipment problems, a successful program of CTD and water sampling was carried out. The five days of work were distributed over the transit period which took place from 2 August, 2001 [Piraeus] to 17 August [Djibouti]. Technical support provided by the Lamont-Doherty Earth Observatory Office of Marine Affairs included the services of four technicians: Science Officer, Computer Systems Administrator, Electronics Technician and CTD technician.

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REPORT DOCUMENTATION PAGE					Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of informa gathering and maintaining the data needed, and cord information, including suggestions for reducing the 1215 Jefferson Davis Highway, Suite 1204, Arlingto Paperwork Reduction Project (0704-0188) Washing PLEASE DO NOT RETURN YOUR FO	tion is estimated inpleting and revise burden to Wa n. VA 22202-43 ton, DC 20503 DRM TO TH	I to average 1 hour per response, iewing the collection of informatio shington Headquarters Service. Di 302, and to the Office of Managen IE ABOVE ADDRESS.	including the time fi n. Send comments Directorate for Inform nent and Budget,	or reviewing ins regarding this nation Operation	structions, searching data sources, burden estimate or any other aspect of this collection ons and Reports,	
1. REPORT DATE (DD-MM-YYYY)		ORT DATE			3. DATES COVERED (From - To)	1
22-02-2002	Febr	uary 22, 2002			March 1, 2001-December 31,	2001
4. TITLE AND SUBTITLE				5a. CO	NTRACT NUMBER	
			NOO	014-01-1-0546	1	
SHIP OPERATIONS: R/V EWING SUPPORT FOR REDSOX					ANT NUMBER	1
				NOO	014-01-1-0546	
				5c. PROGRAM ELEMENT NUMBER		1
6. AUTHOR(S)				5d. PROJECT NUMBER		-
John B. Diebold Marine Science Coordinator, Research Scientist				5e. TA	5e. TASK NUMBER	
				5f. WO	5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION N	AME(S) AN	D ADDRESS(ES)			8. PERFORMING ORGANIZATION	1
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Lamont-Doherty Earth			umbia U	nivers	nty	
P O Box 1000 61 Route 9W					5-21619	-
Palisades, NY 10964-						_
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)		
The Trustees of Colu		Iniversity in	the			
City of New York					11. SPONSORING/MONITORING	1
1210 Amsterdam Ave - MC 2205				AGENCY REPORT NUMBER	1	
New York, NY 10027						
12. DISTRIBUTION AVAILABILITY ST	TATEMENT					
unlimited						
13. SUPPLEMENTARY NOTES			PADGOA			1
	UNOL	S support for	KEDSUA			4
14. ABSTRACT Five days of ph	ysical	oceanography	[CTD ca	sts, (o ² analysis]	
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16. SECURITY CLASSIFICATION OF a. REPORT b. ABSTRACT c. TH	IS PAGE	ABSTRACT	OF PAGES			
		!		19b. TELE	PONE NUMBER (Include area code)	7